



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date April 13, 2018		EPA Reg. No./File Symbol 33906 - 9		Page 1 of 19	
Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1, 830.1600/61-2, 63-1	Product Chemistry Data: DPX-Y6202 Grass Killer	00128197	DuPont	OLD	
830.1550/61-1, 830.1600/61-2, 830.1800/62-3	Product Identity, Description of Formulation Process, Formation of Impurities, and Certification of Limits for End-Use Product Du Pont Assure II Herbicide	41206101	DuPont	OLD	
830.1550/61-1, 830.1700/62-1	Information of Manufacturing Process of DPX-Y6202	00163573	DuPont	OLD	
830.1600	Description of Materials Used to Produce the Product	49219201	Nissan	OWN	
830.1620	Description of Production Process	49219201	Nissan	OWN	
830.1670/61-3	Supplement to Discussion of Formation of Impurities	41629301	Nissan	OWN	
830.1670	Discussion of Formation of Impurities	49219201	Nissan	OWN	
830.1700/62-1	Manufacturing Process and Composition for Quizalofop-P-Ethyl Herbicide Technical Grade Active Ingredient	43923001	Nissan	OWN	
830.1700	Preliminary Analysis	49219202	Nissan	OWN	
830.1700/62-1	Summary of Preliminary Analysis for Quizalofop-P-Ethyl Herbicide Technical Grade Active Ingredient	43923002	Nissan	OWN	
830.1700/62-1	Validation of Analytical Methods for the Active Ingredient in Quizalofop-P-Ethyl TGA1	43923003	Nissan	OWN	
830.1700/62-1	Analysis of Quizalofop-P-Ethyl Technical Grade Active Ingredient	43923004	Nissan	OWN	
830.1700/62-1	Validation of Analytical Methods for Impurities in Quizalofop-P-Ethyl TGA1	43923005	Nissan	OWN	
830.1700/62-1	Preliminary Analysis of Quizalofop-P-Ethyl in Assure II Herbicide	43557301	DuPont	OLD	
830.1750	Certified Limits	49219201	Nissan	OWN	
830.1800	Enforcement Analytical Method	49219202	Nissan	OWN	

Signature

Name and Title:

Wendy A. McCombie, Lewis & Harrison -
US Agent for Nissan Chemical Industries, Ltd.

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quiazalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1800/62-3	Liquid Chromatographic Determination of D-NC-302 in Technical and in Emulsifiable Formulations	41224001	DuPont	OLD	
830.1800/62-3	Determination of DPX-Y6202 by a Reversed Phase Liquid Chromatography Assay Method	42983401	DuPont	OLD	
830.1800/62-3, 171-4	Determination of DPX-Y6202 in Gelatin Capsules	40337101	DuPont	OLD	
830.1750/62-2, 830.6302/63-2, 830.6303/63-3, 830.6304/63-4, 830.7200/63-5, 830.7220/63-6, 830.7300/63-7, 830.7840/63-8	Product Chemistry Data of Du Pont Assure Herbicide and 9.5% EC Formulation	00147570	DuPont	OLD	
830.6302/63-2, 830.6303/63-3, 830.6304/63-4, 830.7200/63-5, 830.7220/63-6, 830.7300/63-7, 830.7840/63-8	Physical & Chemical Characteristics of Assure II Herbicide	41206102	DuPont	OLD	
830.6313/63-13	Determination of Quiazalofop Ethyl Technical Storage Stability	41745401	DuPont	OLD	
830.6313/63-13	Supplement No. 1 to: Determination of Quiazalofop Ethyl Technical Storage Stability	42018701	DuPont	OLD	
830.6313/63-13	Storage Stability and Corrosion Characteristics of End-Use Product DPX-79376 Herbicide Formulation	44681801	DuPont	OLD	
830.7050	Physical/Chemical - Ultraviolet Absorption	48037503	Nissan	OWN	

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Ingredient(s): Quiazalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2100/ 71-1	Acute LD50 Y6202 in Mallard Duck & Bobwhite Quail	00128210	DuPont	OLD	
850.2200/ 71-2	8-Day Dietary LC50 in Mallard Duck & Bobwhite Quail	00128211	DuPont	OLD	
850.2200/ 71-2	8-Day Dietary LC50 in Bobwhite Quail	00147574	DuPont	OLD	
71-4	Reproduction in Mallard Duck & Bobwhite Quail	46607101 46607102	Nissan Nissan	OWN OWN	
850.1075/ 72-1	LC50-Bluegill Sunfish	00128208 47408404	DuPont Nissan	OLD OWN	
850.1075/ 72-1	LC50-Bluegill Sunfish & Rainbow Trout	00128207	DuPont	OLD	
850.1075/ 72-1	96-Hour LC50 to Bluegill Sunfish	00150941	DuPont	OLD	
	EC 50 Rainbow Trout	47408413	Nissan	OWN	
850.1075/ 72-1	LC50-Rainbow Trout	00146680 47408401 47408402 47408403 47408405	DuPont Nissan Nissan Nissan Nissan	OLD OWN OWN OWN OWN	
850.1010/ 72-2	LC50 Daphnia magna	00128209 47408406	DuPont Nissan	OLD OWN	
850.1010/ 72-2	EC50-Daphnia magna	00146951 47408410	DuPont Nissan	OLD OWN	
850.1010/ 72-2	48-Hour EC50 to Daphnia magna	00151115 47408407	DuPont Nissan	OLD OWN	
850.1010/ 72-2	Response to Reviewers (HLR 458-84)	40242201	DuPont	OLD	
850.1010/ 72-2	Static Acute 48-Hour EC50 in Y6202-15 to Daphnia magna	41161601	DuPont	OLD	
850.1075,850.1025 & 850.1035/72-3	Effect of Haskell Sample #15,889 on the Shell Deposition of Juvenile Oysters	40242206	DuPont	OLD	
850.1075,850.1025 & 850.1035/72-3	Acute Toxicity of Haskell Sample #15,889 to Mysids	40242204	DuPont	OLD	
850.1075,850.1025 &	Response to Reviewers Comments (HLO	40242203	DuPont	OLD	

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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1035/72-3	563-85)				
850.1075,850.1025 & 850.1035/72-3	Response to Reviewers Comments (HLO 562-85)	40242208	DuPont	OLD	
850.1075,850.1025 & 850.1035/72-3	Acute Toxicity of H-16, 481 to Mysid Shrimp	40242205	DuPont	OLD	
850.1075,850.1025 & 850.1035/72-3	Acute Toxicity of H-16, 481 to Sheepshead Minnow	40242209	DuPont	OLD	
850.1075,850.1025 & 850.1035/72-3	The Oyster Shell Deposition Test to Assess Acute Effects of H-16, 481 on Eastern Oysters	40242207	DuPont	OLD	
850.1300	Subacute or Subchronic Exposure - Aquatic Invertebrates & Fish	47408408 47408409 47910502 47910501	Nissan Nissan Nissan Nissan	OWN OWN OWN OWN	
850.1400	Fish Early-Life Stage Toxicity Test: Sheepshead Minnow	47910503	Nissan	OWN	
850.1500/ 72-5	Early Life Stage Toxicity to Fathead Minnow	00146681	DuPont	OLD	
850.1500/ 72-5	Early Life Stage Toxicity to Fathead Minnow	00150109	DuPont	OLD	
850.1500/ 72-5	Response to Reviews Comments (HLR 164-85)	40242202	DuPont	OLD	
	Acute Toxicity to Earthworms	46627401	Nissan	OWN	
850.4225	Effects on Non-Target Plants - Seed Germination & Vegetative Vigor: Seedling Emergence	47408411	Nissan	OWN	
850.4225	Effects on Non-Target Plants - Seed Germination & Vegetative Vigor: Cucumbers, Tomatoes, Cabbage, Onions (Dry), Radishes, Corn, Sugar Beets, Soybeans, Oats, Wheat	47910504	Nissan	OWN	
850.4250	Effects on Non-Target Plants - Seed Germination & Vegetative Vigor: Vegetables	47408412	Nissan	OWN	

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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.4250	Effects on Non-Target Plants - Seed Germination & Vegetative Vigor: Cucumbers, Tomatoes, Cabbage, Onions (Dry), Radishes, Corn, Sugar Beets, Soybeans, Oats, Wheat	47910505	Nissan	OWN	
850.4400	Effects on Non-Target Plants - Aquatic Plant Growth & Reproduction Using Lemna spp.	48037504	Nissan	OWN	
850.5400	Effects on Non-Target Plants - Aquatic Plant Growth & Reproduction	48037501 48097101	Nissan Nissan	OWN OWN	
870.1100/81-1	Median Lethal Dose of IN-Y6202-23 in Rats	00150271	DuPont	OLD	
870.1100/81-1	Tumorigenicity/Toxicity in Rats	40148001	DuPont	OLD	
870.1100/81-1	Acute Oral Toxicity of NC-302 in Rats	41206104	DuPont	OLD	
870.1100/81-1	Acute Oral Toxicity of NC-302 in Rats	41206105	DuPont	OLD	
870.1100/81-1	Acute Oral Toxicity With DPX-Y6202-52 in Rats	41206111	DuPont	OLD	
870.1100/81-1	Acute Oral Toxicity of NC-302 in Rats	00146669	DuPont	OLD	
870.1100/81-1	Acute Oral LD50 in Rabbits	00139514	DuPont	OLD	
870.1200/81-2	Skin Absorption LD50 in Rabbits-IN-Y6202-7	00128198	DuPont	OLD	
870.1200/81-2	Acute Dermal Toxicity of NC-302 in Rats	00146670	DuPont	OLD	
870.1200/81-2	Skin Absorption LD50 Test in Rabbits	00150268	DuPont	OLD	
870.1200/81-2	Acute Dermal Toxicity of DPX-Y6202 in Rabbits	41206112	DuPont	OLD	
870.1200/81-2	EPA Skin Irritation Test in Rabbits: IN-Y6202-7	00128201	DuPont	OLD	
870.2400/81-4	Eye Irritation Test in Rabbits	00128200	DuPont	OLD	
870.2400/81-4	Eye Irritation Test in Rabbits	00131584	DuPont	OLD	
870.2400/81-4	Eye Irritation Test in Rabbits	00151753	DuPont	OLD	
870.2400/81-4	Irritant Effects of NC-302 Technical Product on Rabbit Eye Mucosa	00146671	DuPont	OLD	
870.2400/81-4	EPA Skin Irritation Test In Rabbits	00150267	DuPont	OLD	

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2400/81-4	Primary Eye Irritation Study with DPX-Y6202 In Rabbits	41206114	DuPont	OLD	
870.2400/81-4, 870.2500/81-5	Irritant Effects of NC-302 Technical Product on Rabbit Skin	00146672	DuPont	OLD	
870.2500/81-5	Primary Dermal Irritation Study with DPX-Y6202 (9.7% EC.) in Rabbits	41206115	DuPont	OLD	
870.2500/81-5	Primary Dermal Irritation Study with DPX-Y6202 (9.7% EC.) in Rabbits	41864601	DuPont	OLD	
870.2500/81-5	Primary Skin Irritation & Sensitization Test on Guinea Pigs	00129029	DuPont	OLD	
870.2600/81-6	Skin Sensitization Test in Guinea Pigs	00150269	DuPont	OLD	
870.2600/81-6	Closed-Patch Repeated Insult Dermal Sensitization Study	41206116	DuPont	OLD	
870.2600/81-6	Delayed contact Hypersensitivity (Buehler Method) with DPX-Y6202 (9.7% E.C.) in Guinea Pigs	42147401	DuPont	OLD	
870.2600/81-6	Acute Inhalation Toxicity Study with DPX-Y6202 in Rats	41206113	DuPont	OLD	
870.2600/81-6	Inhalation Median Lethal Concentration of IN-Y6202-7 & the Solvent for IN-Y6202-7	00128199	DuPont	OLD	
870.2600/81-6	Inhalation Median Lethal Concentration of IN-Y6202-23	01150270	DuPont	OLD	
870.2600/81-6	Inhalation Median Lethal Concentration of IN-Y6202-15	00146674	DuPont	OLD	
NA	Report of Investigations Made with Respect to Safety: Summary of Toxicological Studies Made with Assure (DPX-Y6202)	00146668	DuPont	OLD	

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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3100/82-1	NC-302 Potential Toxicity to Rats When Administered in the Diet for 13 Wks. Followed by a 6 Wk. Recovery Period	00128216	DuPont	OLD	
870.3100/82-1	Subchronic Dietary Toxicity Study in Mice – NC-302	00127968	DuPont	OLD	
870.3100/82-1	Subacute Toxicity Test of NC-302 on Dogs by Administration with NC-302 Incorporated in Food for Six Months	00127969	DuPont	OLD	
870.3100/82-1	Subchronic Toxicity Study in Dogs	00130585	DuPont	OLD	
870.3100/82-1	Subchronic Toxicity Study in Dogs with NC-302 by Oral Administration for 26 Weeks	00150938	DuPont	OLD	
870.3100/82-1	90-Day Oral (diet) Toxicity Study of D-NC-302 in Mice	41206107	DuPont	OLD	
870.3100/82-1	90-Day Oral (diet) Toxicity Study of D-NC-302 in Rats	41206106	DuPont	OLD	
870.3200/82-2	21-Day rabbit Subacute Dermal Toxicity of INY-6202-15	00146678	DuPont	OLD	
870.3200/82-2	Subacute Dermal Toxicity Study (21 Days) of INY-6202-15 (NC-302 Technical) in Rabbits	00146677	DuPont	OLD	
870.3200/82-2	21-Day Dermal Toxicity of IN-Y6202-15 in Male & Female Rats	00147572	DuPont	OLD	
870.3200/82-2	Dermal Subchronic Toxicity Study, New Zealand White Rabbits	00147573	DuPont	OLD	
870.4100/83-1	2-Year Feeding Study in Rats	00146682	DuPont	OLD	
870.4100/83-1	Summary of 2-Year Feeding Study in Rats	00152061	DuPont	OLD	
870.4100/83-1	Liver Histopathology (NC-302) Mouse Study	00152097	DuPont	OLD	
870.4100/83-1	NC-302: 52 Week Oral Toxicity Study in the Beagle Dog	00146683	DuPont	OLD	
870.4100/83-1	Chronic Mouse Study	00149742	DuPont	OLD	
870.4100/83-1	Revision of Beagle Dog Study	40242501	DuPont	OLD	
870. 4200/83-2	18-Month Feeding/Oncogenicity Study in Mice	00146684	DuPont	OLD	
870. 4200/83-2	Oncogenicity Study in Mice	40148002	DuPont	OLD	

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Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3700/83-3	Effect of NC-302 on Pregnancy of the New Zealand White Rabbit	00146676	DuPont	OLD	
870.3700/83-3	Range Finding Rabbit Teratology Study with NC-302	40370501	DuPont	OLD	
870.3700/83-3	Rabbit Teratology Study with NC-302	40370502	DuPont	OLD	
870.3800/83-4	Effect of NC-302 on Reproduction of the JCL:SD Rat	00146675	DuPont	OLD	
870.3800/83-4	Effect of NC-302 on Reproduction of the JCL:SD Rat (Individual Data)	00128206	DuPont	OLD	
870.3800/83-4	2-Generation Reproduction Study in Rats with IN-Y6202	00153351	DuPont	OLD	
870.3800/83-4	2-Generation Reproduction Study in Rats with IN-Y6202 (Revised)	40242502	DuPont	OLD	
870. 5100 - 870.5915/84-2	Unscheduled DNA Synthesis in Rat Hepatocytes in Vitro	00128202	DuPont	OLD	
870. 5100 - 870.5915/84-2	Chromosome Test with NC-302 on Chinese Hamster Cells in Vitro	00128204	DuPont	OLD	
870. 5100 - 870.5915/84-2	Mutagenicity Testing on NC 302 in Microbial Systems	00128205	DuPont	OLD	
870. 5100 - 870.5915/84-2	Ames	41206108	DuPont	OLD	
870. 5100 - 870.5915/84-2	Mouse Lymphoma	41206109	DuPont	OLD	
870. 5100 - 870.5915/84-2	DNA Repair	41206110	DuPont	OLD	
870. 5100 - 870.5915/84-2	Mouse Lymphoma Assay for Forward Mutation of D-NC302 (Revised)	41936601	DuPont	OLD	
870. 5100 - 870.5915/84-2	Mouse Lymphoma Assay for Forward Mutation of D-NC302	43473701	DuPont	OLD	
870. 5100 - 870.5915/84-2	DNA Repair Assay in Primary Rat Hepatocyte Cultures	41936602	DuPont	OLD	
870. 5100 - 870.5915/84-2	Amendment 2 to: DNA Repair Assay in Primary Rat Hepatocyte Cultures on D-NC 302	42923301	DuPont	OLD	

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.5100 - 870.5915/84-2	Micronucleus Test with NC-302 in Mice	00128203	DuPont	OLD	
870.7485/85-1	The Influence of Repeated Administration of NC-302 on Metabolic Fate in Rats	00146689	DuPont	OLD	
870.7485/85-1	Absorption, Distribution & Excretion of NC-302 in Rats After Single Oral Administration	00146688	DuPont	OLD	
870.7485/85-1	The Biokinetics & Metabolism of 14C-NC-302 in the Rat	00146691	DuPont	OLD	
870.7485/85-1	The Accumulation of NC-302 & its Metabolites in the Tissues of Rats During Repeated Oral Administration	00146692	DuPont	OLD	
870.7485/85-1	Distribution, Excretion & Metabolism of NC-302 in Rats after Intravenous Administration	00146685	DuPont	OLD	
870.7485/85-1	Absorption, Distribution, Excretion & Metabolic Transformation of NC-302 in Rats After Single Oral Administration	00146687	DuPont	OLD	
870.7485/85-1	Metabolic Transformation of NC-302 in Rats After Single Oral Administration	00146686	DuPont	OLD	
870.7485/85-1	Metabolism of [Quinoxaline-14C] and [phenyl-14C(u)] DPX-Y6202 in Rats	00146946	DuPont	OLD	
870.7485/85-1	Amendment 1 to Study AMR 221-84	40328601	DuPont	OLD	
870.7485/85-1	Metabolism of NC-302 in Rats: The Accumulation in Tissues & Metabolites in Plasma & Liver	00146690	DuPont	OLD	
870.7485/85-1	Metabolism of 14C-Labeled DPX-Y6202 by Lactating Goats	40322413	DuPont	OLD	
870.7485/85-1, 171-4	The Metabolism of [Quinoxaline-phenyl (u)14C] DPX-Y6202 in Laying Hens	40322402	DuPont	OLD	
870.7800	Immunotoxicity	48202701	DuPont	PER	
85-2	Dermal Absorption of 14C-Labeled Assure® in Rats	00146679	DuPont	OLD	
85-2	Screening Test for Delayed Content	00146673	DuPont	OLD	

Signature

Name and Title:

Wendy A. McCombie, Lewis & Harrison -
US Agent for Nissan Chemical Industries, Ltd.

Date

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Hypersensitivity with NC-302 in the Albino Guinea Pig				
NA	Comments of EPA Toxicology Peer Review of DPX-Y6202	40148003	DuPont	OLD	
NA	Letter: Proposed agenda for meeting with Residue Chemistry Branch	00160163	DuPont	OLD	
91-8	Report on the Results of Field Testing (Acreage and Performance)	00155727	DuPont	OLD	
91-8	Report on the Results of Field Testing (Acreage and Performance)	00155728	DuPont	OLD	
122-2	Acute Tox of Assure® Herbicide (DPX-Y6202-53) to Selenastrum capricornutum Printz	42794401	DuPont	OLD	
122-2	Acute Toxicity of DPX-Y6202-5Y To Selenastrum capricornutum Printz	42794402	DuPont	OLD	
122-1, 123-1	Influence of Quizalofop P-Ethyl on Seed Germination, Seedling Emergence, and Vegetative Vigor of Several Terrestrial Plants	43125301	DuPont	OLD	
122-2	Quizalofop P-Ethyl (DPX 79376): Toxicity to Selenastrum capricornutum Tier 1 Growth & Reproduction of Aquatic Plants	43235601	DuPont	OLD	
122-2	Quizalofop P-Ethyl (DPX 79376): Toxicity to Anabaena flos-aquae Tier 1 Growth & Reproduction of Aquatic Plants	43235602	DuPont	OLD	
122-1	Quizalofop P-Ethyl (DPX 79376): Toxicity to Navicula pelliculosa Tier 1 Growth & Reproduction of Aquatic Plants	43270901	DuPont	OLD	
122-1	Quizalofop P-Ethyl (DPX 79376): Toxicity to Skeletonema costatum Tier 1 Growth & Reproduction of Aquatic Plants	43270902	DuPont	OLD	
122-2	Quizalofop P-Ethyl (DPX 79376): Influence on Growth & Reproduction of Lemna Gibba G3	43258501	DuPont	OLD	

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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
143-1	Safety of DPX-Y6202 to Honey Bees	00128212	DuPont	OLD	
143-1	Acute Contact LD50 Study in Honey Bees (Apis mellifera) with IN-Y6202	00150942	DuPont	OLD	
835.2110 or 835.2120/161-1	Hydrolysis of 14C Quinoxaline Labeled DPX-Y6202	00128214	DuPont	OLD	
835.2120/ 835.2130	Hydrolysis	49638901	Nissan	OWN	
835.2240/161-2	Photolysis of [Carbon 14] DPX-Y6202 in Water	00146693	DuPont	OLD	
835.2410/161-3	Photolysis of NC-302 in Soil	00146694	DuPont	OLD	
835.2410/161-3	Soil Recovery Analyses: DPX-Y6202	00128215	DuPont	OLD	
835.2410/161-3	Photodegradation of [phenyl(u)-14C] DPX-Y6202 & [Quinoxaline(u)-14C] DPX on Soil	40336002	DuPont	OLD	
835.2410/161-3	Photodegradation of Quinoxaline [Carbon 14] DPX-Y6202 on Soil	00146948	DuPont	OLD	
835.4100/162-1	Aerobic Soil Metabolism of DPX-Y6202	00146695	DuPont	OLD	
835.4100/162-1	Aerobic Soil Metabolism of 14C-phenyl Labeled DPX-Y6202	00128213	DuPont	OLD	
835.4100/162-1	Method for Residue Analysis of Total Quizalofop in Soil	40336003	DuPont	OLD	
835.4100/162-1	Method for Residue Analysis of 6-chloro-2, 3-dihydrox-quinoxaline (3-OH-phenol 2) in Soil	40336004	DuPont	OLD	
835.4100/162-1	Aerobic Soil Metabolism of 14C-DPX-Y6202 (4 Month Report)	00150937	DuPont	OLD	
835.4100/162-1	Aerobic Soil Metabolism of [Quinoxaline(u)-14C] Quizalofop P-Ethyl	43235603	DuPont	OLD	
835.4100/162-1, 835.4200/162-2	Environmental Chemistry of NC-302 – Degradation of NC-302 in Soil	00146696	DuPont	OLD	
835.4300	Aerobic aquatic	49638902 49638903	Nissan Nissan	OWN OWN	
162-3	Response to Reviewers Comments (AMR 350-85)	40243301	DuPont	OLD	

Signature

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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
162-3	Anaerobic Aquatic Metabolism of [Quinoxaline-carbon 14] DPX-Y6202 and [Phenyl-carbon 14 (U)] DPX-Y6202	00146697	DuPont	OLD	
162-3	Response to Reviewer's Comments: Anaerobic Aquatic Metabolism	40242301	DuPont	OLD	
835.1230 or 835.1240/163-1	Batch Equilibrium (adsorption/desorption) & Soil Thin-Layer Chromatography Studies with DPX-Y6202	00145598	DuPont	OLD	
835.1230 or 835.1240/163-1	Environmental Chemistry of NC-302 -- Mobility of NC-302 in Soil	00146700	DuPont	OLD	
835.1230 or 835.1240/163-1	Soil Column Leaching Behavior of DPX-Y6202	00146949	DuPont	OLD	
835.1230 or 835.1240/163-1	Batch Equilibrium (adsorp/desorp) & Soil Thin-Layer Chromatography Studies with DPX-Y6202	00146947	DuPont	OLD	
835.1230 or 835.1240/163-1, 163-2	Environmental Chemistry of NC-302 -- Mobility of NC-302 in Soil	00146699	DuPont	OLD	
835.1230 or 835.1240/163-1, 163-2	Batch Equilibrium (adsorp/desorp) & Soil Thin-Layer Chromatography Studies with [Quinoxaline-phenyl-carbon 14(U)] DPX-Y6202	00146698	DuPont	OLD	
835.2120	Fate in Water - Hydrolysis	48647401	Nissan	OWN	
835.6100	Fate in Soil - Short Term Studies	47408414 47408415 47408416	Nissan Nissan Nissan	OWN OWN OWN	
835.6100/ 164-1	Field Dissipation of DPX-Y6202	40336001	DuPont	OLD	
835.6100/ 164-1	Field Soil Dissipation of DPX-Y6202 In DE, NC, IL, MS	00149650	DuPont	OLD	
835.6100	Terrestrial Field Dissipation	49634805 49634806 49634807 49634808	BASF BASF BASF BASF	PER PER PER PER	
Signature 			Name and Title: Wendy A. McCombie, Lewis & Harrison - US Agent for Nissan Chemical Industries, Ltd.		Date April 13, 2018



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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.6200	Aquatic (Sediment) Field Dissipation	49634801 49634802 49634803 49634804 49638904	BASF BASF BASF BASF Nissan	PER PER PER PER OWN	
165-1	Crop Rotation Study with 14C-DPX-Y6202 in the Greenhouse	0014916	DuPont	OLD	
165-1	Confined Accumulation Study of [Phenyl(u)-14C] DPX-Y6202 and Rotational Crops	41628301	DuPont	OLD	
165-1	Confined Accumulation Study of [Quinoxaline phenyl(u)-14C] DPX-Y6202 on Rotational Crops. Supp. 1	42439001	DuPont	OLD	
165-1	Accumulation Study of [Quinoxaline phenyl(u)-14C] DPX-Y6202 on Rotational Crops	40242302	DuPont	OLD	
165-1	Assure Residue Analysis-Aerial Drift Study	00146703	DuPont	OLD	
165-1	Aerial Drift Protocol	00146952	DuPont	OLD	
171-4	Results of tests on the Amount of Residues Remaining on Treated Crops	00147571	DuPont	OLD	
171-4	Metabolism and Residue Data of Assure Herbicide (NC-302) on Treated Crops (Soybeans, Cotton, Potatoes, and Sugarbeets)	00147575	DuPont	OLD	
171-4	Supplemental Cottonseed Residue Data	00149741	DuPont	OLD	
171-4	Magnitude of Residue in Soybeans & Processed Soybean Fractions After Treatment with Assure® Herbicide	40322406	DuPont	OLD	
171-4	Metabolism of Quinoxaline-Phenyl(u)-14C-DPX-Y6202, [[Phenyl(u)DPX-Y6202, [Quinoxaline-phenyl(u)-14C] DPX-79376, And [Phenyl(u)-14C] DPX-79376 in Soybean	42463201	DuPont	OLD	

Signature

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4	Revision 2 of AMR 153-83	40322410	DuPont	OLD	
171-4	Revision 3 of AMR 153-83	40336201	DuPont	OLD	
171-4	Residue DPX-Y6202 on Soybeans and Other Rotational Crops	00131585	DuPont	OLD	
171-4	Residue: 14C-DPX-Y6202 in Cottonseed & Other Rotational Crops	00131583	DuPont	OLD	
171-4	Results of Tests on the Amount of Residues Remaining on Treated Crops: Assure Herbicide: Soybean Hulls, Meal, Flour, and Soapstock	00150908	DuPont	OLD	
171-4	Supplemental Residue Data in Support of Experimental Use Permit Applications for DuPont DPX-Y6202 Grass Killer on Soybeans and Cotton	00161870	DuPont	OLD	
171-4	Magnitude of Residues of D+isomer of Assure Herbicide when Applied to Soybeans	41206103	DuPont	OLD	
171-4	Supplement to: Magnitude of Residues of D+isomer of Assure Herbicide when Applied to Soybeans	41583001	DuPont	OLD	
171-4	Determination of DPX-Y6202 & DPX-Y6202 Acid Residues in Lentils	41320801	DuPont	OLD	
171-4	Determination of Residues of Assure® Herbicide Metabolites Phenol 1 & Phenol 2 in Soybeans	40322411	DuPont	OLD	
171-4	Magnitude of Residues of D+Isomer of "Assure" Herbicide when Applied to Cotton	41735401	DuPont	OLD	
171-4	Magnitude of Residues of D+Isomer of "Assure" Herbicide in Cotton Seed and Its Processed Fractions	41735402	DuPont	OLD	

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Ingredient(s): Quiazalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4	Determination of DPX-79376, DPX-79376 Acid & Conjugates as DPX-79376 Acid in Cotton Seed & Fractions Treated w/ "Assure" II Herbicide	41735403	DuPont	OLD	
171-4	Independent Laboratory Validation for DPX-79376, DPX-79376 Acid (YE-945)	41919801	DuPont	OLD	
171-4	Determination of Phenol 4 Metabolite of DPX-Y6202 Herbicide Candidate in Soybeans & Soybean Fractions	40322412	DuPont	OLD	
171-4	Determination of the Residues of DPX-Y6202 & its Metabolites in Cattle Whose Diet Contains DPX-Y6202	40322407	DuPont	OLD	
171-4	Determination of DPX-Y6202, DPX-Y6202 Acid & ME-DPX-Y6202 Residues in Cream	40322409	DuPont	OLD	
171-4	Determination of DPX-Y6202, DPX-Y6202 Acid & ME-DPX-Y6202 Residues in Bovine Milk	40322408	DuPont	OLD	
171-4	Determination of DPX-Y6202, DPX-Y6202 Acid & ME-DPX-Y6202 Residues in Bovine and Poultry Fat	40322405	DuPont	OLD	
171-4	Determination of DPX-Y6202, DPX-Y6202 Acid & ME-DPX-Y6202 Residues in Eggs	40322404	DuPont	OLD	
171-4	Determination of DPX-Y6202, DPX-Y6202 Acid & ME-DPX-Y6202 Residues in Tissues	40322403	DuPont	OLD	
171-4	Determination of Residues of DPX-Y6202 & Metabolites in Tissues & Eggs of Chickens Whose Diet Includes DPX-Y6202	40322401	DuPont	OLD	
171-4	Raw Data for Determination of DPX-Y6202 and DPX-Y6202 Acid Residues in Lentils	42693501	DuPont	OLD	
171-4	Magnitude of Residues of D+ Isomer of Assure® Herbicide When Applied to English Peas	42927501	DuPont	OLD	
Signature 			Name and Title: Wendy A. McCombie, Lewis & Harrison - US Agent for Nissan Chemical Industries, Ltd.		Date April 13, 2018



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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
171-4	Magnitude of Residues of D+ Isomer of Assure® Herbicide When Applied to Snap and Dry Beans	42927502	DuPont	OLD		
171-4	Metabolism of [Phenyl(U)-14C] DPX-79376 & [Quinoxaline-Phenyl(U)-14C]DPX-79376 in Tomatoes	42927503	DuPont	OLD		
171-4	The Metabolism of [Quinoxaline-Phenyl(U)-14C]DPX-79376 & [Phenyl(U)-14C] DPX-79376 in Sugar Beets	42927504	DuPont	OLD		
171-4	Magnitude of Residues of Assure® II Herbicide Applied in Sugar Beet Roots & Foliage	42927505	DuPont	OLD		
171-4	Magnitude of Residues of Assure® Herbicide in Snap Bean-A Simulated Processing Study	42927506	DuPont	OLD		
171-4	Magnitude of Residues of Assure II Herbicide in Snap Beans-A Simulated Processing Study	42927507	DuPont	OLD		
171-4	Freezer Storage Study of Quizalofop P-Ethyl, (DPX-79376), Quizalofop (YE-945), Phenol 2 (IN-A6208), Phenol 3 (IN-G7057), and Phenol 4 (IN-H8515) in Cottonseed, Beans, Peas, Sugar Beets, and Canola	42927508	DuPont	OLD		
171-4	Validation of Quizalofop P-Ethyl (DPX-79376), Quizalofop Acid (YE-945), Phenol 2(IN-A6208), Phenol 3(IN-G7057), and Phenol 4 (IN-H8515) in Cottonseed, Beans, Peas, Canola, and Sugar Beets	42927509	DuPont	OLD		
171-4	Magnitude of Residues of Assure II Metabolites, Phenol 2 and Phenol 4, in Cottonseed; and Storage stability of Parent, Acid, Phenol 2, and Phenol 4 in Cottonseed	43280501	DuPont	OLD		

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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4	Determination of DPX-79376, DPX-79376 Acid & Conjugates as DPX-79376 Acid in Cotton Seed & Fractions Treated w/ Assure II Herbicide	43314001	DuPont	OLD	
171-4	Magnitude of Residues of Assure II Herbicide when Applied to Canola	43695701	DuPont	OLD	
171-4	Magnitude of Residues of Assure II Herbicide in Canola Seed and Its Processed Fractions	43695702	DuPont	OLD	
171-4	Freezer Storage Study of Quizalofop P-Ethyl, (DPX-79376), Quizalofop (YE-945), Phenol 2 (IN-A6208), Phenol 3 (IN-G7057), and Phenol 4 (IN-H8515) in Cottonseed, Beans, Peas, Sugar Beets, and Canola	43804101	DuPont	OLD	
171-4	Magnitude of Residues of Quizalofop-P-Ethyl in Succulent Beans Following Application of Assure II Herbicide at Maximum Label Rates	44810301	DuPont	OLD	
171-4	Magnitude of Residues of Quizalofop-P-Ethyl in Dry Beans Following Application of Assure II Herbicide at Maximum Label Rates	44810302	DuPont	OLD	
171-4	Magnitude of Residues of Quizalofop-P-Ethyl in Sugar Beets Following Application of Assure II Herbicide at Maximum Label Rates	44810303	DuPont	OLD	
171-4	Determination of Quizalofop-P-Ethyl and its Metabolites in Canola, Flax, Lentils, Dry and Succulent beans and Sugar Beet Tops and Roots, by Liquid Chromatography	44810304	DuPont	OLD	
860.1300	Nature of the Residue in Plants	49634809	BASF	PER	
860.1400	Metabolic Fate in Fish	49634810 49634811	BASF BASF	PER PER	
860.1340	Independent Laboratory Validation of the Method for the Determination of Quizalofop-P-Ethyl and Quizalofop-P in Sunflower Seeds	44967704	Nissan	OWN	

Signature

Name and Title:

Wendy A. McCombie, Lewis & Harrison -
US Agent for Nissan Chemical Industries, Ltd.

Date

April 13, 2018



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
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DATA MATRIX

Date	April 13, 2018	EPA Reg. No./File Symbol	33906 - 9	Page 18 of 19	
Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Analytical Method for the Determination of Residues of Quizalofop-P-Ethyl and Quizalofop-P in Sunflower Seed, Meal and Oil	44967703	Nissan	OWN	
860.1340	Validation of the Analytical Method for the Determination of Quizalofop-P-Ethyl and Quizalofop-P in Wheat, Barley and Alfalfa Raw Agricultural Commodities and Wheat Grain Processed Commodities	45885803	Nissan	OWN	
860.1340	Independent Laboratory Validation (ILV) of Morse Method Meth-147 "Determination of QuizalofopP-ethyl and Quizalofop-P in Wheat, Barley and Alfalfa Raw Agricultural Commodities and Wheat Grain Processed Commodities"	45885804	Nissan	OWN	
860.1340	Residues in Food or Feed - Analytical Methods by Commodity: Citrus Fruits	47910506	Nissan	OWN	
	Residues in Food or Feed - Analytical Methods by Commodity	47408417	Nissan	OWN	
860.1500	Magnitude of Quizalofop-P-ethyl and Quizalofop-P Residues in The Raw Agricultural Commodity	44967701 47910507 45089201 45885801 49634812	Nissan Nissan Nissan Nissan BASF	OWN OWN OWN OWN PER	
860.1520	Magnitude of Quizalofop-P-ethyl and Quizalofop-P Residues	44967702 45089202 45885801 49634812	Nissan Nissan Nissan BASF	OWN OWN OWN PER	
NA	Quizalofop-P-Ethyl FQPA Supplemental Information Document	44967705	Nissan	OWN	
NA	Quizalofop-P-Ethyl: FQPA Supplemental Information Document (Pursuant to PR Notice 97-1)	45089203	Nissan	OWN	

Signature

Name and Title:

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DATA MATRIX

Date	April 13, 2018	EPA Reg. No./File Symbol	33906 - 9	Page 19 of 19	
Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue of Quizalofop-P-Ethyl and Quizalofop-P in Barley Raw Agricultural Commodities	45885802	Nissan	OWN	
	Magnitude of the Residue on Sorghum (Grain, Residues in Food or Feed Commodities)	48273601	DuPont	PER	
NA	Tier 1 Chronic and Acute Dietary Exposure Analyses for Potential Residues of Quizalofop	45897201	Nissan	OWN	
NA	Quizalofop-P-Ethyl: FQPA Supplemental Information Document (Pursuant to PR Notice 97-1)	45885800	Nissan	OWN	
230-236	Potential Applicator Exposure to DPX-Y6202 During Mixture/Loading & Spraying Operations	00146704	DuPont	OLD	
	Effects on Non-Target Plants - Phytotoxicity in Target Area	48356801	DuPont	PER	

Signature 	Name and Title: Wendy A. McCombie, Lewis & Harrison - US Agent for Nissan Chemical Industries, Ltd.	Date April 13, 2018
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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			DuPont	OLD	
			Nissan	OWN	
			Nissan	OWN	

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN			Product TARGA Herbicide		
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			Nissan	OWN	

Signature 	Name and Title: Wendy A. McCombie, Lewis & Harrison - US Agent for Nissan Chemical Industries, Ltd.	Date April 13, 2018
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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			Nissan Nissan	OWN OWN	
			DuPont Nissan	OLD OWN	
			DuPont	OLD	
			DuPont	OLD	
			Nissan	OWN	
			DuPont Nissan Nissan Nissan Nissan	OLD OWN OWN OWN OWN	
			DuPont Nissan	OLD OWN	
			DuPont Nissan	OLD OWN	
			DuPont Nissan	OLD OWN	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			Nissan Nissan Nissan Nissan	OWN OWN OWN OWN	
			Nissan	OWN	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
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			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	

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Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
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			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	

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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
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			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	PER	
			DuPont	OLD	
			DuPont	OLD	

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			Nissan	OWN	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
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			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			Nissan Nissan	OWN OWN	
			DuPont	OLD	

Signature

Name and Title:

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Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide			
Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
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			DuPont	OLD	
			DuPont	OLD	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			DuPont	OLD	
			DuPont	OLD	
			BASF	PER	
			BASF	PER	
			BASF	PER	
			BASF	PER	
Signature 			Name and Title: Wendy A. McCombie, Lewis & Harrison - US Agent for Nissan Chemical Industries, Ltd.		Date April 13, 2018



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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			BASF	PER	
			BASF	PER	
			BASF	PER	
			BASF	PER	
			Nissan	OWN	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
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			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	

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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
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			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	

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DATA MATRIX

Date	April 13, 2018	EPA Reg. No./File Symbol	33906 - 9	Page 15 of 19
Applicant's/Registrant's Name & Address: Nissan Chemical Industries, Ltd.: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo 101-0054, JAPAN		Product TARGA Herbicide		

Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	

Signature 	Name and Title: Wendy A. McCombie, Lewis & Harrison - US Agent for Nissan Chemical Industries, Ltd.	Date April 13, 2018
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Ingredient(s): Quizalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	

Signature 	Name and Title: Wendy A. McCombie, Lewis & Harrison - US Agent for Nissan Chemical Industries, Ltd.	Date April 13, 2018
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			DuPont	OLD	
			BASF	PER	
			BASF	PER	
			BASF	PER	
			Nissan	OWN	

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Ingredient(s): Quinalofop-P-Ethyl [EPA A.I. No. 128711]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan	OWN	
			Nissan Nissan Nissan Nissan BASF	OWN OWN OWN OWN PER	
			Nissan Nissan Nissan BASF	OWN OWN OWN PER	
			Nissan	OWN	
			Nissan	OWN	

Signature

Name and Title:

Wendy A. McCombie, Lewis & Harrison -
US Agent for Nissan Chemical Industries, Ltd.

Date

April 13, 2018



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Nissan	OWN	
			DuPont	PER	
			Nissan	OWN	
			Nissan	OWN	
			DuPont	OLD	
			DuPont	PER	

Signature 	Name and Title: Wendy A. McCombie, Lewis & Harrison - US Agent for Nissan Chemical Industries, Ltd.	Date April 13, 2018
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